

AMENDMENTS TO THE CLAIMS

The following Listing of Claims, with amendments to claims 1, 2, 17, 24, 32-34, 37, and 41 and 45-49, and cancellation of claims 16, 31, and 46, will replace all prior versions, and listings, of claims in the application. ***No new matter is introduced as a result of the following claim amendments, and no new search is required.***

Listing of Claims:

1. (Currently Amended) A system for automatically alerting a user to available information comprising using a computing device for:

~~interfacing with display rendering routines of a computing device to recover electronic information being displayed on a display device coupled to the computing device;~~

automatically interpreting and parsing information recovered from an electronic document being displayed on a display device coupled to the computing device ~~the recovered electronic information~~ to identify data representing any person;

identifying at least one person represented by the identified data;

automatically retrieving information relating to each identified person from at least one electronic database;

notifying the user that the retrieved information is available;

automatically editing the electronic document to insert at least one graphical presence indicator into the electronic document in a location adjacent to the data representing each identified person; and

wherein each graphical presence indicator provides at least one electronic interface for initiating communication with each corresponding person. ~~using at least a portion of the retrieved information relating to one or more of the identified persons to automatically provide provides at least one electronic interface for initiating communication with those identified persons.~~

2. (Currently Amended) The system of claim 1 wherein the at least one ~~electronic interface for initiating communication is displayed to a user as~~ presence indicator is an icon representing at least one communication access point related to the retrieved information.

3. (Cancelled)

4. (Previously Presented) The system of claim 1 wherein the at least one electronic interface for initiating communication with one or more of the identified persons includes any of an email address, an instant messaging account, a telephone number, a fax number, and an Internet address for communicating with the identified person.

5. (Previously Presented) The system of claim 1 wherein parsing the recovered electronic information to identify data representing any person comprises identifying textual data associated with any person.

6. (Original) The system of claim 5 wherein the textual data associated with any person includes any of: a name, an email address, a telephone number, a fax number, and a social security number.

7. (Previously Presented) The system of claim 1 wherein parsing the recovered electronic information to identify data representing any person comprises identifying graphical data associated with any person.

8. (Original) The system of claim 7 wherein the graphical data associated with any person includes any image for representing at least one person.

9. (Original) The system of claim 1 wherein identifying at least one person represented by the identified data comprises comparing the identified data to information in at least one electronic database to identify each person associated with the identified data.

10. (Original) The system of claim 1 wherein notifying the user that the retrieved information is available comprises automatically providing an audible alert when the information is retrieved from the at least one electronic database.

11. (Original) The system of claim 1 wherein notifying the user that the retrieved information is available comprises automatically providing a visible alert when the information is retrieved from the at least one electronic database.

12. (Original) The system of claim 1 wherein notifying the user that the retrieved information is available comprises automatically providing an audible alert and a visible alert when the information is retrieved from the at least one electronic database.

13. (Previously Presented) The system of claim 11 wherein the visible alert comprises dynamically modifying the appearance of the electronic information being displayed on the display device.

14. (Original) The system of claim 13 wherein dynamically modifying the appearance of the electronic document comprises changing the appearance of the identified data.

15. (Previously Presented) The system of claim 14 wherein dynamically modifying the appearance of the electronic information being displayed on the display device further comprises automatically associating at least one hyperlink with the identified data.

16. (Cancelled)

17. (Currently Amended) The system of claim 1 ~~46~~ further comprising automatically determining an online status for each identified person by querying at least one messaging account server for each identified person.

18. (Original) The system of claim 17 wherein each presence indicator graphically represents the online status of each identified person.

19. (Original) The system of claim 18 wherein the graphical representation of the online status of each identified person is automatically updated by re-querying the at least one messaging account server for each identified person.

20. (Original) The system of claim 1 further comprising a graphical user interface for interacting with the retrieved information.

21. (Original) The system of claim 20 wherein the graphical user interface comprises at least one pop-up window for displaying the retrieved information for each identified person.

22. (Original) The system of claim 20 wherein the graphical user interface comprises at least one context-sensitive menu for interacting with the retrieved information for each identified person.

23. (Original) The system of claim 20 wherein the graphical user interface comprises at least one hyperlink for accessing the retrieved information for each identified person via a computer pointing device.

24. (Currently Amended). A computer-implemented process for automatically providing information on a computer display device, comprising:

~~automatically interfacing with the display rendering routines of a display device of a computer to retrieve a copy of electronic data being rendered on the computer display device;~~

automatically interpreting and scanning ~~the retrieved~~ electronic data retrieved from an electronic document being rendered on the computer display device to identify information within the retrieved electronic data that represents at least one person;

identifying each person represented by the identified information;

automatically retrieving information relating to each identified person from at least one electronic database;

providing an alert for indicating that the retrieved information is available;

automatically modifying an appearance of the electronic document being rendered on the computer display device by editing that document to insert at least one presence indicator into the electronic document, each said presence indicator being inserted into the electronic document in a location adjacent to the identified information representing each identified person; and

using at least a portion of the retrieved information relating to one or more of the identified persons to automatically provide a user interface for initiating communication with those identified persons via at least one electronic communication access point.

25. (Previously Presented) The computer-implemented process of claim 24 wherein the user interface provides a user access for viewing the retrieved information.

26. (Original) The computer-implemented process of claim 24 wherein providing an alert comprises dynamically modifying the electronic data being rendered on the computer display device.

27. (Original) The computer-implemented process of claim 26 wherein dynamically modifying the electronic data rendered on the computer display device comprises automatically changing the appearance of textual information representing the identified information.

28. (Original) The computer-implemented process of claim 27 wherein dynamically modifying the electronic data rendered on the computer display device further comprises automatically associating at least one hyperlink with the textual information.

29. (Original) The computer-implemented process of claim 26 wherein dynamically modifying the electronic data rendered on the computer display device comprises

automatically changing the appearance of graphical information representing the identified information.

30. (Original) The computer-implemented process of claim 29 wherein dynamically modifying the electronic data rendered on the computer display device further comprises automatically associating at least one hyperlink with the graphical information.

31. (Cancelled)

32. (Currently Amended) The computer-implemented process of claim 24 ~~34~~ wherein each presence indicator further comprises an associated pop-up window for providing the retrieved information to a user.

33. (Currently Amended) The computer-implemented process of claim 24 ~~34~~ wherein each presence indicator further comprises an associated context-sensitive menu for providing the retrieved information to a user.

34. (Currently Amended) The computer-implemented process of claim 24 ~~34~~ wherein each presence indicator further comprises automatically indicating an online status of each identified person.

35. (Previously Presented) The computer-implemented process of claim 24 wherein the at least one communication access point includes one or more of an email address, an instant messaging account, a telephone number, a fax number, and an Internet address.

36. (Original) The computer-implemented process of claim 24 wherein identifying each person represented by the identified information comprises comparing the identified information to data in at least one electronic database.

37. (Currently Amended) A computer-readable medium having computer executable instructions for dynamically modifying an electronic document rendered on a computer display device, said computer executable instructions comprising:

~~automatically interfacing with display rendering routines of a computing device to recover electronic information corresponding to an electronic document being rendered on a display device coupled to the computing device;~~

automatically evaluating the electronic information of an electronic document being rendered on a display device coupled to the computing device corresponding to the electronic document for detecting any information in the electronic document that represents at least one person;

automatically identifying each person based on a comparison of the detected information to data in at least one electronic database;

automatically retrieving data related to each identified person from at least one electronic database;~~and~~

dynamically modifying the rendered display of the electronic document by changing the appearance of the electronic document on the display device for alerting a user that data related to each identified person has been retrieved;and

wherein changing the appearance of the electronic document further comprises editing that document to insert at least one presence indicator into the electronic document, each said presence indicator being inserted into the electronic document in a location adjacent to the detected information representing the at least one person.

38. (Original) The computer-readable medium of claim 37 wherein detecting any information in the electronic document that represents at least one person comprises identifying any data associated with any person.

39. (Original) The computer-readable medium of claim 38 wherein identifying any data associated with any person comprises identifying characteristics of at least one image within the electronic document using at least one image recognition technique.

40. (Original) The computer-readable medium of claim 37 wherein retrieving data related to each identified person from at least one electronic database comprises retrieving any of personal data and contact information from the at least one electronic database.

41. (Currently Amended) The computer-readable medium of claim 37 wherein dynamically modifying the rendered display of the electronic document further comprises changing the appearance of any text associated with the detected information.

42. (Original) The computer-readable medium of claim 41 wherein changing the appearance of any text associated with the detected information further comprises associating at least one hyperlink with the text associated with the detected information.

43. (Original) The computer-readable medium of claim 42 wherein the at least one hyperlink includes at least one link to the retrieved data.

44. (Previously Presented) The computer-readable medium of claim 43 wherein the at least one link to the retrieved data includes at least one communication access point for initiating at least one communication with each identified person, said communication access points including via one or more of an email address, an instant messaging account, a telephone number, a fax number, and an Internet address.

45. (Currently Amended) The computer-readable medium of claim 37 wherein dynamically modifying the rendered display of the electronic document further comprises changing the appearance of any image associated with the detected information and ~~by~~ associating at least one hyperlink with each image.

46. (Cancelled)

47. (Currently Amended) The computer-readable medium of claim ~~37~~ 46 wherein each presence indicator further comprises an associated pop-up window for providing the retrieved information to a user.

48. (Currently Amended) The computer-readable medium of claim 37 ~~46~~ wherein each presence indicator further comprises an associated context-sensitive menu for providing the retrieved information to a user.

49. (Currently Amended) The computer-readable medium of claim 37 ~~46~~ wherein each presence indicator further comprises automatically indicating an online status of each identified person.

50. (Original) The computer-readable medium of claim 37 further comprising a user interface for interacting with the retrieved data.